ESCRICK

RURAL DISTRICT COUNCIL.

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH.

1914.

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ANNUAL REPORT

OF THE MEDICAL OFFICER OF HEALTH FOR THE ESCRICK RURAL DISTRICT COUNCIL FOR THE YEAR 1914.

To the Chairman and Members of the Escrick Rural District Council.

Gentlemen,

I have the honour of submitting for your consideration my Report for the year 1914.

The area of the District is 30,292 acres.

The population is 5,872.

BIRTH-RATE.

The births registered are 130, 62 males and 68 females; 4 males and 5 females are illegitimate. The birth-rate is 23·7; in 1913 it was 17·5. The birth-rate for England and Wales, less the 242 towns, is 21·9.

DEATH-RATE.

The deaths registered are 74, 39 males and 35 females. Three of these were illegitimate. The death-rate is 12·6 per 1,000; in 1913 it was 11·0. Deducting the deaths in the City Asylum and non-residents, and adding the deaths of residents who have died outside the District, we get a total of 56 and a rate of 10·2. In 1913 it was 9·8. The rate for England and Wales for 1914, less the 242 towns, is 13·3.

The infantile mortality per 1,000 births registered is 62; in 1913 it was 66. The infantile mortality rate for England and Wales, less the 242 towns, is 93. The Zymotic death-rate is ·7.

CAUSES OF DEATH DURING THE YEAR 1914.

There were 56 deaths as follows (these do not include deaths in the City Asylum or non-residents, but include deaths of residents beyond the District):—Diphtheria, 1; Influenza, 1; Phthisis, 2; other Tubercular Diseases, 1; Cancer, 11; Meningitis, 1; Heart Disease, 8; Bronchitis, 2; Pneumonia, 2; Cirrhosis of Liver, 3; Premature Birth, etc., 3; Violent Deaths, 2; other defined diseases, 19.

CASES OF SICKNESS REPORTED UNDER THE NOTIFICATION OF INFECTIOUS DISEASES ACT.

There were 22 cases. In 1913 there were 36. Diphtheria, 11; Erysipelas, 2; Scarlet Fever, 5; Enteric Fever, 1; Ophthalmia Neonatorum, 1; Tuberculosis, 2.

Diphtheria (11 cases against 26 in 1913).—Six occurred at Wheldrake, 2 at Escrick, 1 at Fulford, 1 at Dunnington, and 1 at Naburn. Nine were under 15 years of age, and 2 between 15 and 25 years. Five were removed to the Fever Hospital.

The history as to the origin at Wheldrake was indefinite, but some serious defects in connection with the drainage at the School were discovered, since remedied; these probably were the cause. On visiting the case at Fulford we found the cottage damp, and the ashpit and privy needed cementing. A number of fowls were also kept in the backyard close to the house—these were ordered to be removed. There was no history as to the origin in the other cases, and there was no extension of the disease. One case proved fatal, but on the whole the disease was mild in character. Antitoxin was supplied to the medical men attending as required.

Scarlet Fever (5 cases; there were also 5 in 1913).—On May 8th, a girl 5 years of age, was notified from Escrick. We could trace no history as to the origin. The second case occurred at Naburn. Here again I was unable to trace any definite history as to the origin of the Fever. The third was an imported case

at West Cottingwith. The fourth and fifth occurred at Heslington, and were very mild cases—apart from the one infecting the other the history was indefinite.

Enteric Fever (1 case).—This was notified from the City Asylum, Fulford. Patient was removed to the Fever Hospital.

Ophthalmia Neonatorum (1 case).—This was notified from Escrick. On being visited I found everything satisfactory.

Tuberculosis (2 cases).—On May 7th, a case of Phthisis was notified from Thorganby. On my visit I found the patient was a man 22 years of age who had been in farm service. The family history was bad. A sister had been in York County Hospital for 6 months with Phthisis, but was discharged as recovered. A number of relatives, on the father's side, had died of Phthisis. I found the house damp and in a filthy and impoverished condition. There was no proper ventilation, and the windows would not open. The patient was probably also not having sufficient nourishment. The family were removing from this house shortly, and the Council decided to postpone the necessary repairs until that time. The second case was that of a school girl, 12 years of age, at Heslington, reported as suffering from Lupus Vulgaris.

THE ROUTINE TREATMENT OF CASES REPORTED UNDER THE NOTIFICATION OF INFECTIOUS DISEASES ACT.

As far as possible, and unless there are special circumstances prevailing, cases are removed to the York Fever Hospital. The rooms and, when necessary, schools are thoroughly stoved with Formalin by means of the Alformant A Apparatus. The bedding, clothing, etc., are removed to the York Disinfecting Station for the requisite purification, and swabs and pathological specimens are sent to the Clinical Research Association for examination. When necessary children are excluded from school, or the schools are closed to prevent extension of infectious diseases.

PUBLIC SCAVENGING.

In my Report of last year, I stated that the Council had adopted Public Scavenging for the villages of Dunnington, Heslington, Fulford, Elvington, and Wheldrake. Owing to the difficulty of obtaining " axles " for the new carts, the delay being caused by the war, the work was not begun until November. Since that date it has, in the villages of Dunnington, Fulford, and Heslington been carried out by the District Council's own Staff with excellent results. Early in the year the villages of Elvington and Wheldrake will, I hope, be similarly dealt with.

Public Scavenging will be of untold value to the health of your villages, and I trust the Council will see the wisdom of adopting it throughout the whole of their District. In this opinion, Dr. Mitchell Wilson, who kindly came over and gave the Council his experience in the matter, entirely agrees.

WATER SUPPLY OF DISTRICT.

I regret no further progress has been made with the agreement with the Flaxton District Council to extend the York Water Supply to Dunnington by way of Osbaldwick and Murton. However, by private enterprise the York water has been laid on to Osbaldwick, and there is still hope of it eventually reaching Dunnington if the correspondence is proceeded with. To attain this much needed object I trust the Council will do everything in its power. A good water supply to your villages is of vital importance, and as you are aware it is badly needed. I have tested a number of samples of drinking water during the year, and they have been mostly quite unfit for drinking purposes.

DAIRIES, COWSHEDS, ETC.

These have been regularly visited by your Inspector, and he finds them satisfactory (see Table).

FACTORIES AND WORKSHOPS ACT.

Regulations under the Act have, according to your Inspector, been duly carried out.

HOUSING AND TOWN PLANNING ACT.

Details of the work are given in the appended Tables. A number of the nuisances at Dunnington, Fulford, and Heslington, reported previously, are still in abeyance, but will, I trust, during the coming year have attention.

WAR TIME ARRANGEMENTS.

In case troops are stationed in the District, I have made arrangements to co-operate with the Army Authorities.

INFANTILE MORTALITY.

This is again satisfactory, the rate being the same as last year, viz., 66 per 1,000 births registered and a rate of 1·1.

I am, Mr. Chairman and Gentlemen,

Your obedient Servant,

ALWYN RAIMES, M.D.,

Medical Officer of Health.

VITAL STATISTICS OF WHOLE DISTRICT DURING 1914 AND PREVIOUS YEARS.

Year.	Population estimated to Middle of each Year.	Births.			Total Deaths Registered in the District.		Transferable Deaths.		Nett Deaths belonging to the District.			
		Uncorrected Number.	Nett.						Under 1 Year of Age.		At all Ages.	
			Number.	Rate.	Number.	Rate.	Of Non-residents registered in the District.	Of Residents not registered in the District.	Number.	Rate per 1,000 Nett Births.	Number.	Rate.
1909	5,214	127	127	24·3	72	13·7	24	4	2	0·3	51	9·7
1910	,,	113	113	21·6	84	16·1	34	6	7	1·3	56	10·7
1911	5,872	122	127	21·7	90	15·3	36	11	11	1·8	65	11·9
1912	,,	108	109	19·9	81	13·7	22	13	13	2·2	72	12·2
1913	,,	103	103	17·5	66	11·0	21	9	7	1·1	54	9·8
1914	5,872	129	130	23·7	74	12·6	26	8	8	1·1 (62 p. 1000)	56	10·2

Area of District in acres (land and inland water), 30,292.

Total population at all ages, 5,872, at Census of 1911.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1914.

Notifiable Disease.	Number of Cases Notified.								Total Cases notified in each Locality.			Total Cases removed to Hospital.
	At all Ages.	At Ages—Years.										
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.	65 and upwards.	E.	D.	City Asyl'm	
Diphtheria (including Membranous Croup) ..	11	—	—	9	2	—	—	—	10	1	—	5
Erysipelas	2	—	—	—	—	—	1	1	2	—	—	—
Scarlet Fever	5	—	1	3	1	—	—	—	5	—	—	3
Enteric Fever	1	—	—	—	—	1	—	—	—	—	1	1
Ophthalmia Neonatorum	1	1	—	—	—	—	—	—	1	—	—	—
Pulmonary Tuberculosis	1	—	—	—	1	—	—	—	1	—	—	—
Other forms of Tuberculosis	1	—	—	1	—	—	—	—	1	—	—	—
TOTALS	22	1	1	13	4	1	1	1	20	1	1	9

Isolation Hospitals—York Fever Hospital, Escrick Smallpox Hospital, and York County Hospital (the latter for Typhoid cases occasionally).

CAUSES OF, AND AGES AT, DEATH DURING THE YEAR 1914.

Causes of Death.	Nett Deaths at the subjoined ages of Residents whether occurring within or without the District.									Total Deaths whether of Residents or Non-Residents in Institutions in the District.
	All Ages.	Under 1 Year.	1 and under 2.	2 and under 5.	5 and under 15.	15 and under 25.	25 and under 45.	45 and under 65.	65 and upwards.	
All causes—Certified	56	—	—	—	—	—	—	—	—	24
Enteric Fever ..	—	—	—	—	—	—	—	—	—	—
Whooping-cough ..	—	—	—	—	—	—	—	—	—	—
Diphtheria & Croup.	1	—	—	—	1	—	—	—	—	—
Influenza	1	—	—	—	—	—	—	—	1	—
Phthisis (Pulmonary Tuberculosis) ..	2	—	—	—	—	—	1	1	—	2
Other Tuberculous diseases	1	1	—	—	—	—	—	—	—	—
Cancer, malignant disease	11	—	—	—	—	—	—	—	11	1
Meningitis	1	1	—	—	—	—	—	—	—	—
Organic Heart Disease	8	—	—	—	—	—	1	4	3	1
Bronchitis	2	—	—	—	—	—	—	1	1	—
Pneumonia (all forms)	2	—	1	—	1	—	—	—	—	2
Other diseases of respiratory organs	—	—	—	—	—	—	—	—	—	1
Diarrhœa & Enteritis	—	—	—	—	—	—	—	—	—	—
Cirrhosis of Liver ..	3	—	—	—	—	—	—	1	2	—
Nephritis and Bright's Disease..	—	—	—	—	—	—	—	—	—	—
Other accidents and diseases of Pregnancy and Parturition ..	—	—	—	—	—	—	—	—	—	—
Congenital Debility and Malformation, including Premature Birth..	3	3	—	—	—	—	—	—	—	—
Violent Deaths, excluding Suicide ..	2	1	—	—	1	—	—	—	—	2*
Suicide	—	—	—	—	—	—	—	—	—	1†
Other Defined Diseases	19	2	—	1	2	—	1	2	11	14
Diseases ill-defined or unknown ..	—	—	—	—	—	—	—	—	—	—
TOTALS ..	56	8	1	1	5	—	3	9	29	24

* Found drowned in River Ouse.
† Suicide in River Ouse.
(Non-residents not in Institutions but included in that column.)

INFANTILE MORTALITY DURING THE YEAR 1914.

NETT DEATHS FROM STATED CAUSES AT VARIOUS AGES UNDER ONE YEAR OF AGE.

CAUSE OF DEATH.	Under 1 week.	1—2 Weeks.	2—3 Weeks.	3—4 Weeks.	Total under 1 Month.	1—3 Months.	3—6 Months.	6—9 Months.	9—12 Months.	Total Deaths under 1 Year.
ALL CAUSES.—Certified ..	5	—	—	—	5	—	—	2	—	7
Whooping Cough	—	—	—	—	—	—	—	—	—	—
Abdominal Tuberculosis ..	—	—	—	—	—	—	—	—	1	—
Meningitis (not Tuberculous)	—	—	—	—	—	—	—	1	—	—
Convulsions	2	—	—	—	2	—	—	—	—	—
Bronchitis	—	—	—	—	—	—	—	—	—	—
Enteritis	—	—	—	—	—	—	—	—	—	—
Premature Birth	—	—	—	—	—	—	—	—	—	—
Atrophy, Debility, and Marasmus	2	—	—	—	2	—	—	1	—	—
Other Causes	1	—	—	—	1	—	—	—	—	—
TOTALS	5	—	—	—	5	—	—	2	1	7

Nett Births in the year—Legitimate, 120; Illegitimate, 9.

Nett Deaths in the year of Legitimate infants, 4; Illegitimate infants, 4.

1.—INSPECTION OF FACTORIES, WORKSHOPS, AND WORKPLACES.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

	Inspections.
Factories (including Factory Laundries)	4
Workshops (including Workshop Laundries)	12
Total	16

2.—DEFECTS FOUND IN FACTORIES, &c.—None.

HOUSING AND TOWN PLANNING ACT, 1909.

Housing (Inspection of District) Begulation, 1910. Article V.

No. of Dwelling-houses inspected under and for the purposes of Section 17 of the Act of 1909. 56.

No. of Dwelling-houses found unfit for human habitation. None.

No. of Dwelling-houses made fit for habitation without formal representation. None.

No. of representations made to the Local Authority with a view to the making of Closing Orders. None.

No. of Closing Orders made. None.

No. of Dwelling-houses in which the defects were remedied without the making of Closing Orders. 7.

No. of Dwelling-houses which after the making of Closing Orders were put into a fit state for human habitation. None.

No. of Houses voluntarily closed by owners. None.

No. of Houses voluntarily demolished by owners. None.

General character of the defects found to exist :—Defective yards and spoutings and sink wastes.

Rents of the cottages reported as unfit for habitation. No houses reported "unfit for habitation."

Deficiency of accommodation in the Rural District :—Two cottages built at Dunnington.

Any other information and particulars of the work of Inspection under Section 17.—Many houses are found to have only small defects, which are remedied by verbal representations.

SANITARY WORK CARRIED OUT DURING 1914.

Dwelling-houses inspected. 56.
Dwelling-house notices served. 7.
New houses built. 6.
Have Building Bye-laws been adopted? No.
Dwelling-houses disinfected after cases of ordinary Infectious disease. All cases.
Dwelling-houses disinfected after cases of Phthisis. All cases.
Schools disinfected after cases of ordinary Infectious diseases. None.
Dwelling-houses found overcrowded. None.
Dwelling-house yards paved. None.
No. of defective privies and ashpits inspected. 7.
No. of defective privies and ashpits remedied. 7.
Privies converted to W.C.'s. None.
Privies converted to pail closets. 5.
New ashpits made. None.
Ashpits covered. None.
New W.C.'s. None.
No. of house drains inspected. Several.
No. of house drains remedied. Where defects found.
No. of drains trapped or disconnected. None.
No. of drains relaid. None.
No. of new drains laid. 6.
No. of cesspools inspected. 5.
No. of cesspools removed. 1.
New cesspools made. None.
Nuisances from animals found. None.
Nuisances from animals abated. None.
Offensive Tades inspected. 1.
No. of nuisances found. 1.
No. of nuisances abated. 1.
No. of notices served (statutory). None.
No. of notices served (informal). 1.
No. of notices complied with. 1.
No. of nuisances found. 7.
No. of nuisances abated. 7.

Water Supplies—

Houses newly supplied from water mains. None.

New wells made. 6.

New bore wells made. None.

Wells closed, water unsafe. None.

Samples of water sent for examination. 1.

Water certificates granted for new houses in Rural Districts. None.

Dairies and Cowsheds—

Have Regulations been adopted? Yes.

Date of adoption. 1st March, 1900.

No. of dairies and cowsheds on register. 14.

No. of cows. 300.

Visits to cowsheds. 28.

Visits to dairies. 2.

Defects found. None.

Defects remedied. None.

Slaughter-houses—

No. on register. 6, but no register kept.

Visits to. 6.

No. of defects found. None.

No. of defects remedied. None.

Unwholesome Food condemned. None.

Common Lodging-houses—

No. on register. None.

Visits to. None.

No. of defects found. None.

No. of defects remedied. None.

Canal Boats inspected. 234.